A

Endogenous locus

Targeting Vector

Targeted locus

FIGURE 1

C2   C3

← 6.1 Kb

← 2.7 Kb

FIGURE 2

+/-   -/-   +/+   -/-   +/-   +/+

← 470

← 350

FIGURE 3

FIGURE 4

FIGURE 5

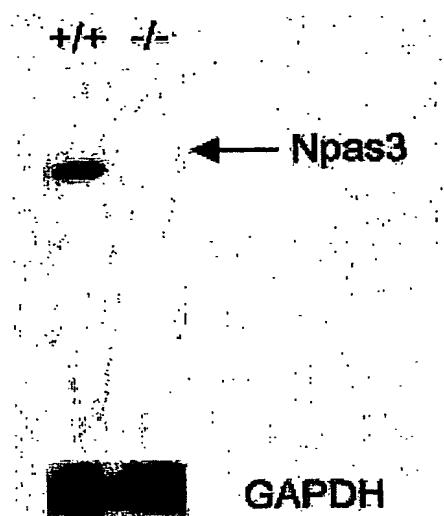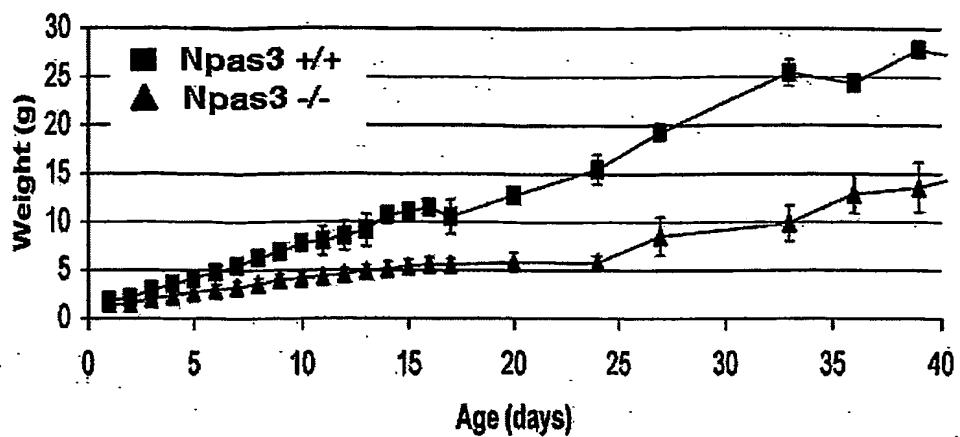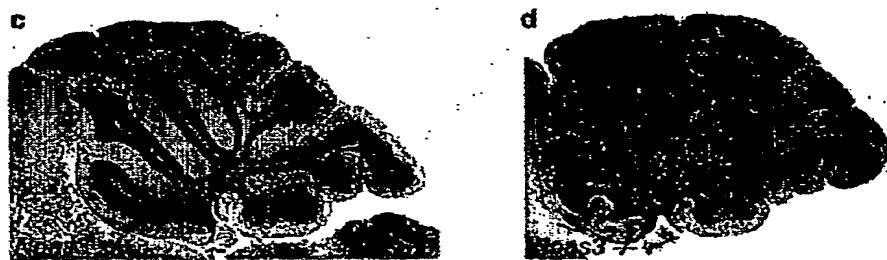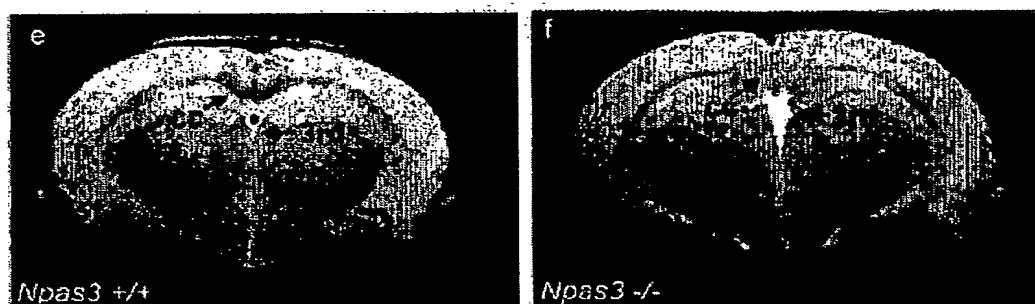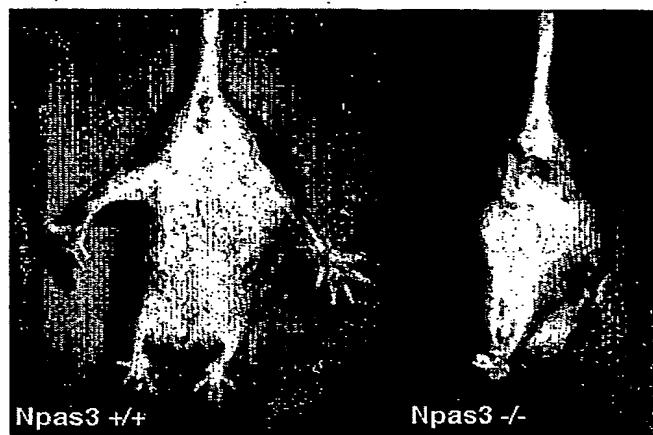**FIGURE 6**
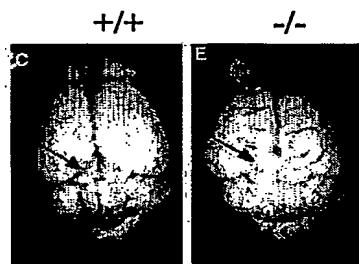
FIGURE 7
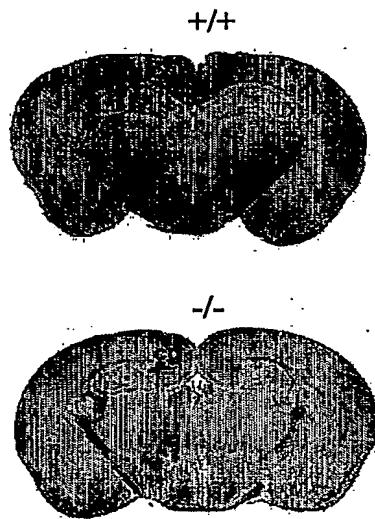
FIGURE 8

FIGURE 9

FIGURE 10

FIGURE 11

BEST AVAILABLE COPY

FIGURE 12

FIGURE 13

BEST AVAILABLE COPY
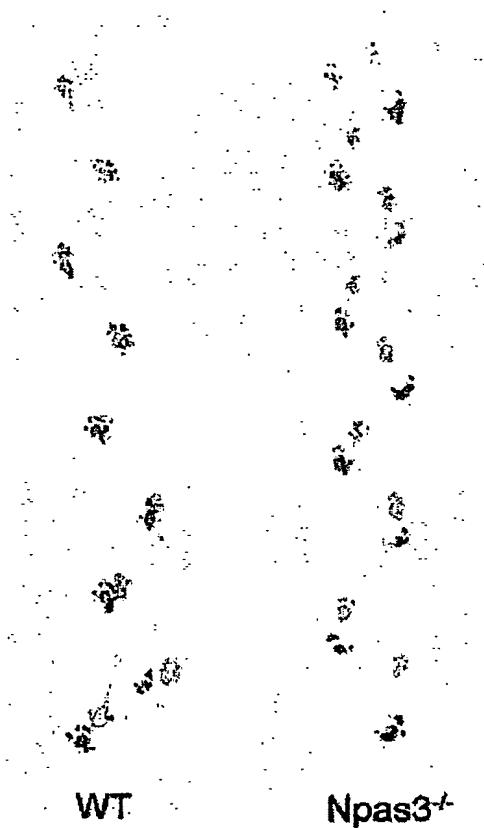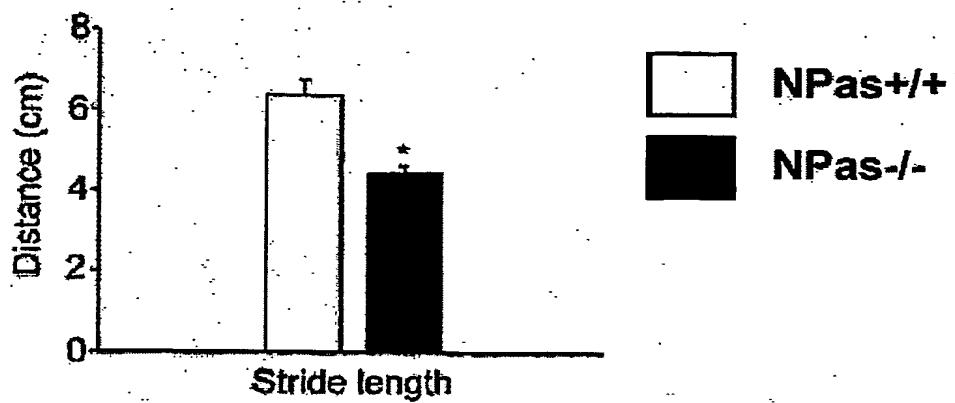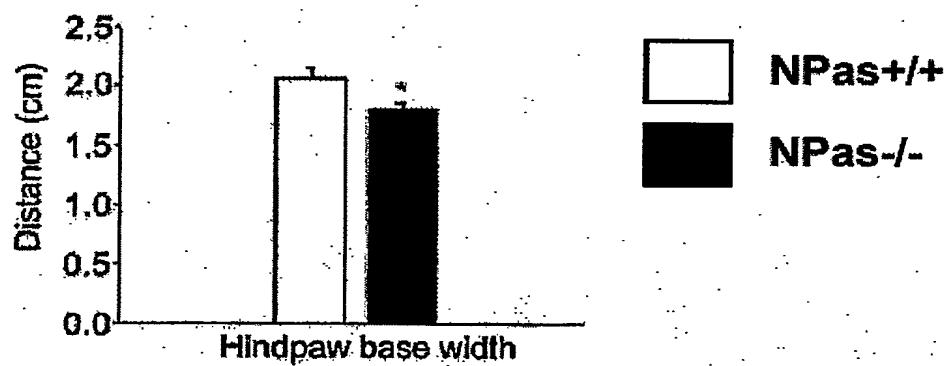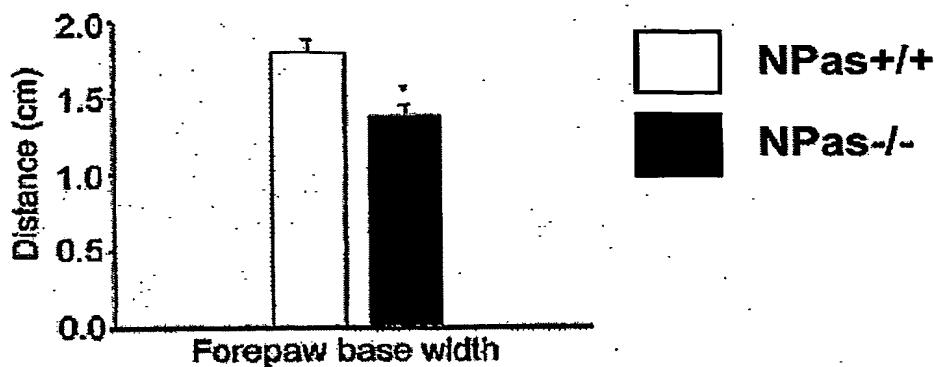
FIGURE 14

FIGURE 15

FIGURE 16
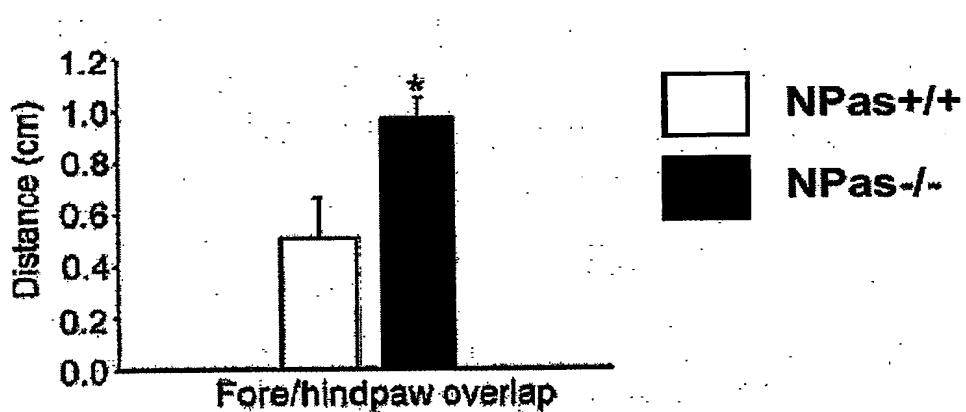
FIGURE 17
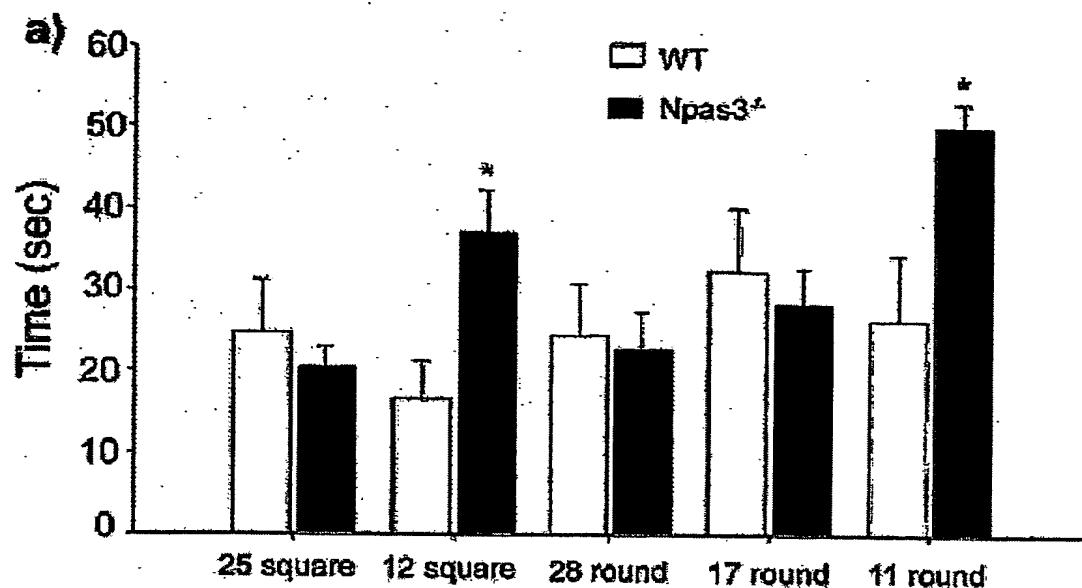
FIGURE 18

FIGURE 19

BEST AVAILABLE COPY

A)

FIGURE 20

C)
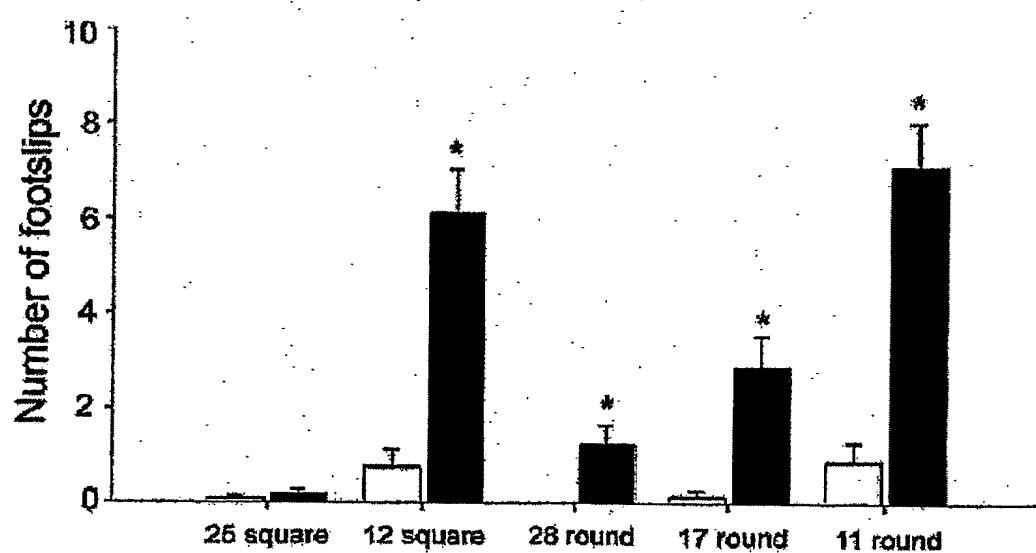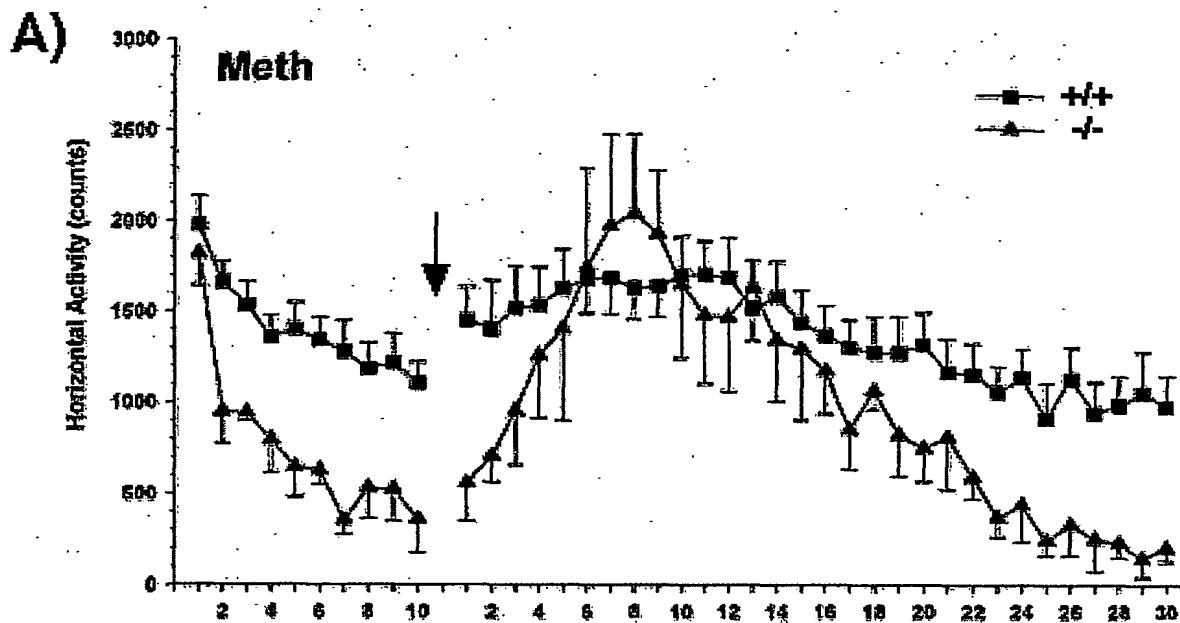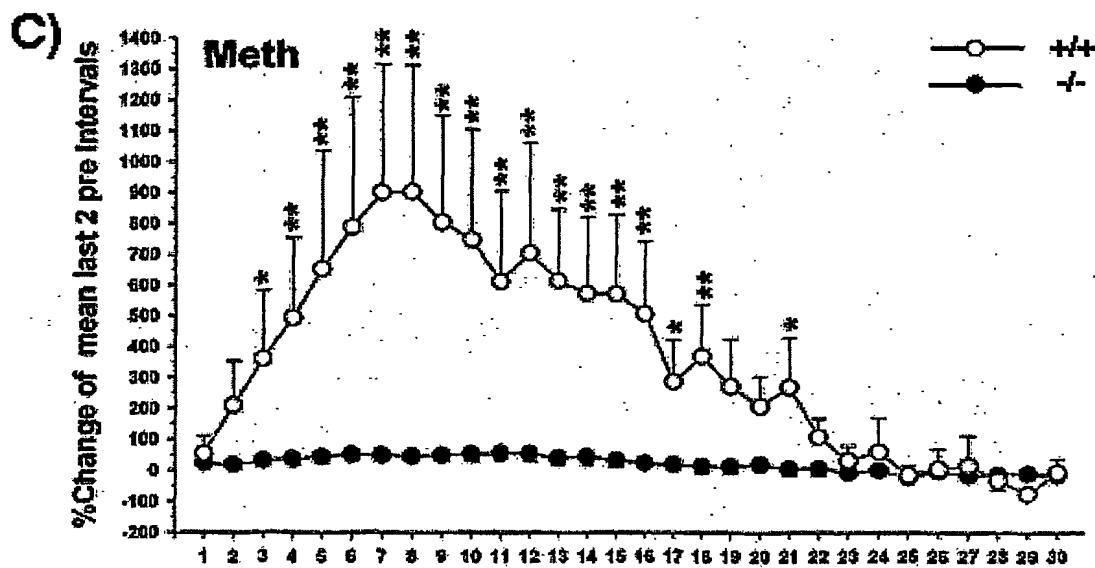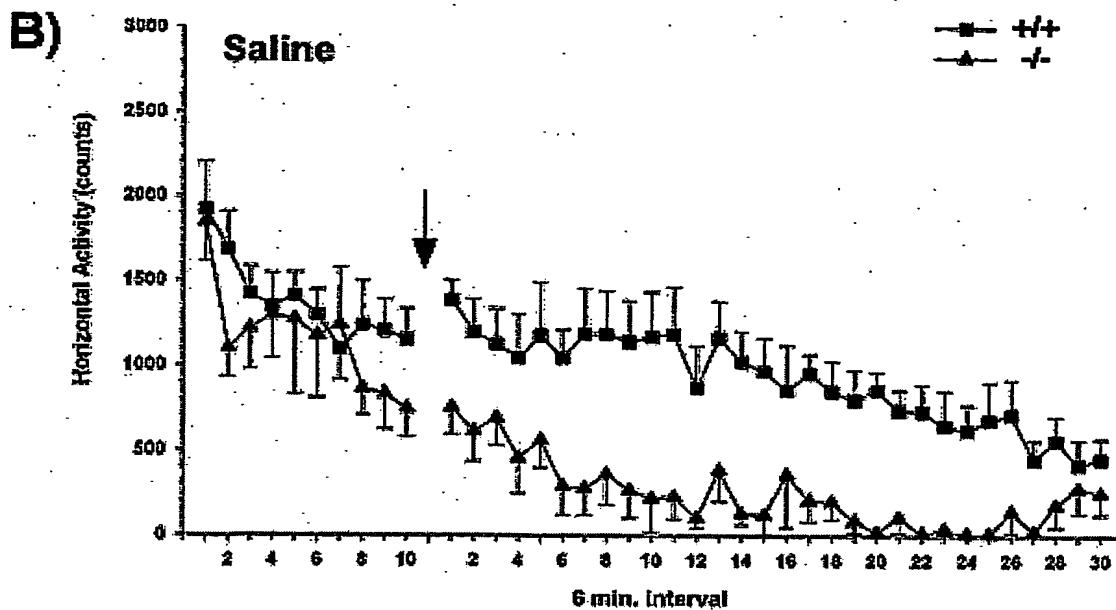
FIGURE 21

FIGURE 22
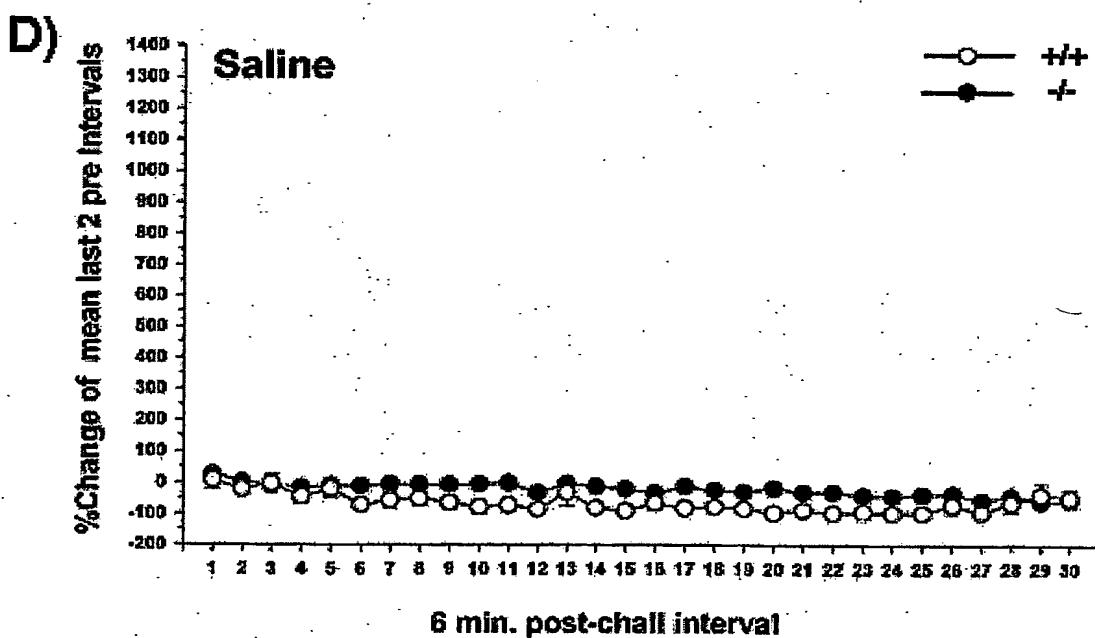

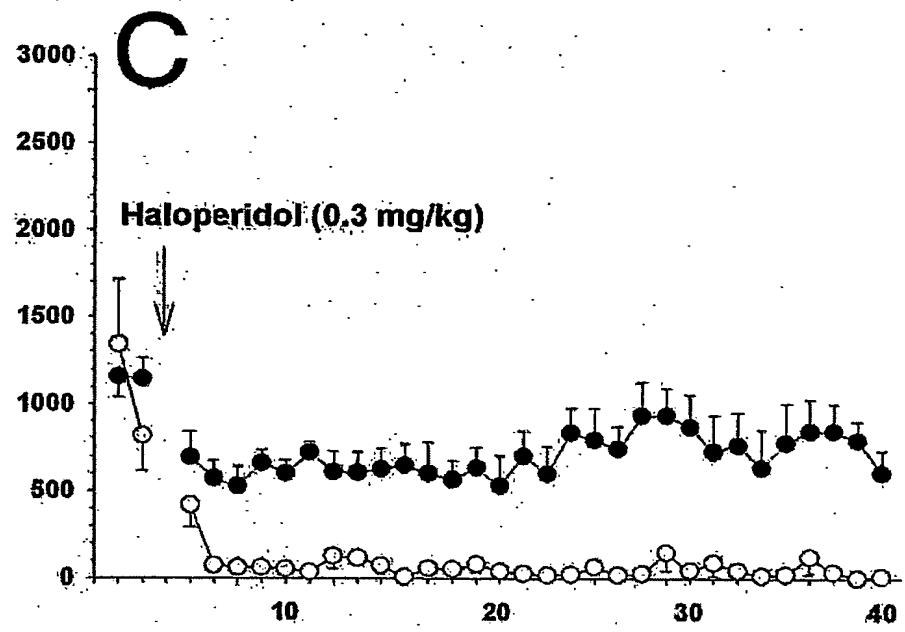**FIGURE 23**

FIGURE 24

FIGURE 25

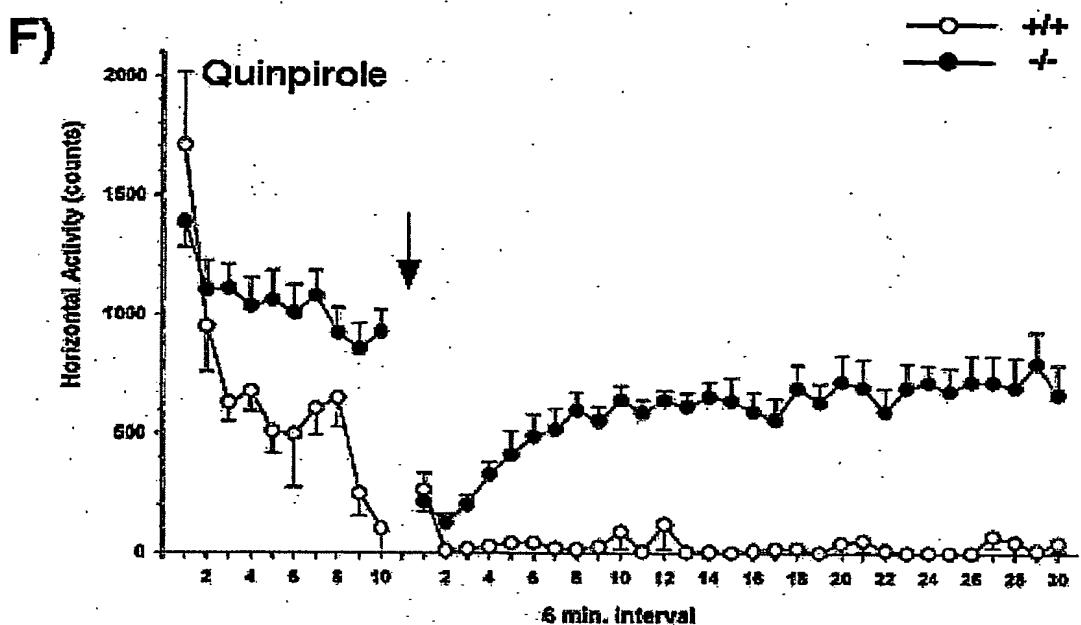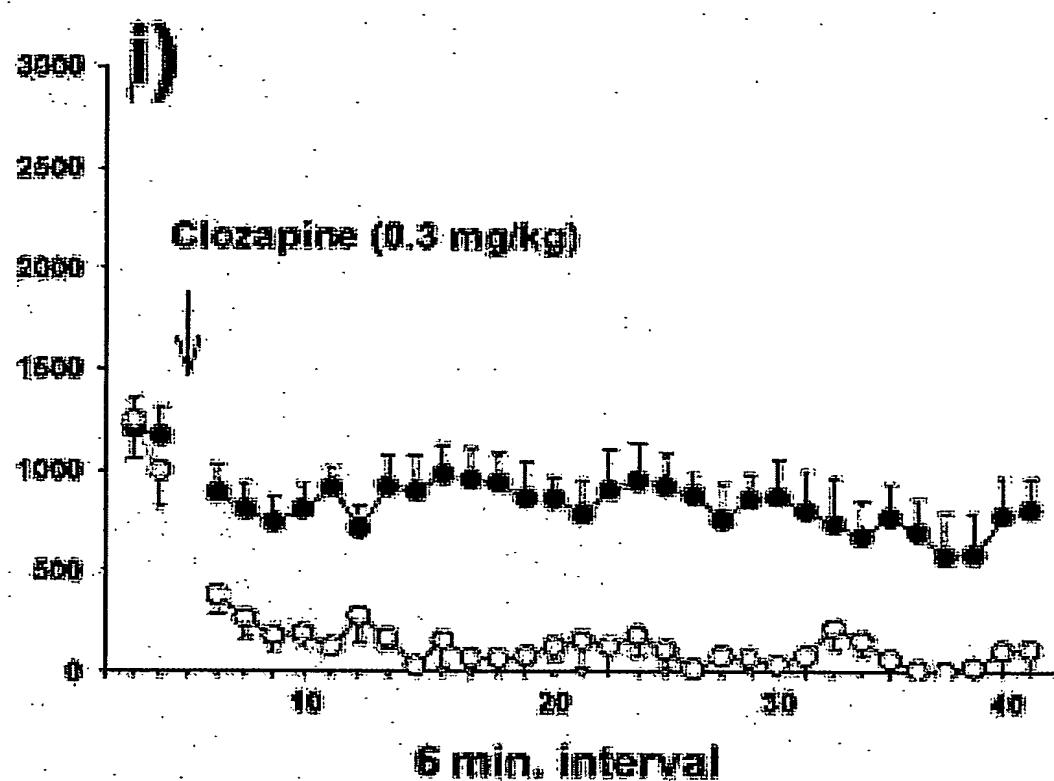BEST AVAILABLE COPY
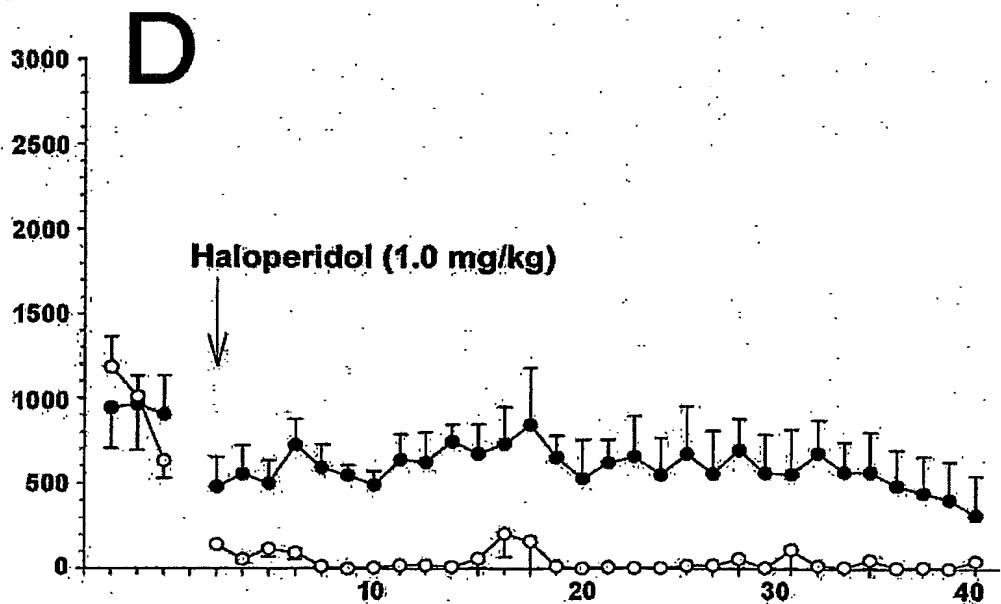
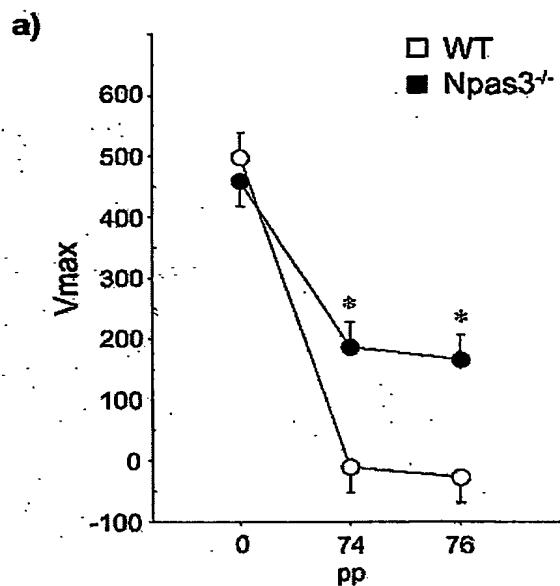**FIGURE 26**

FIGURE 27
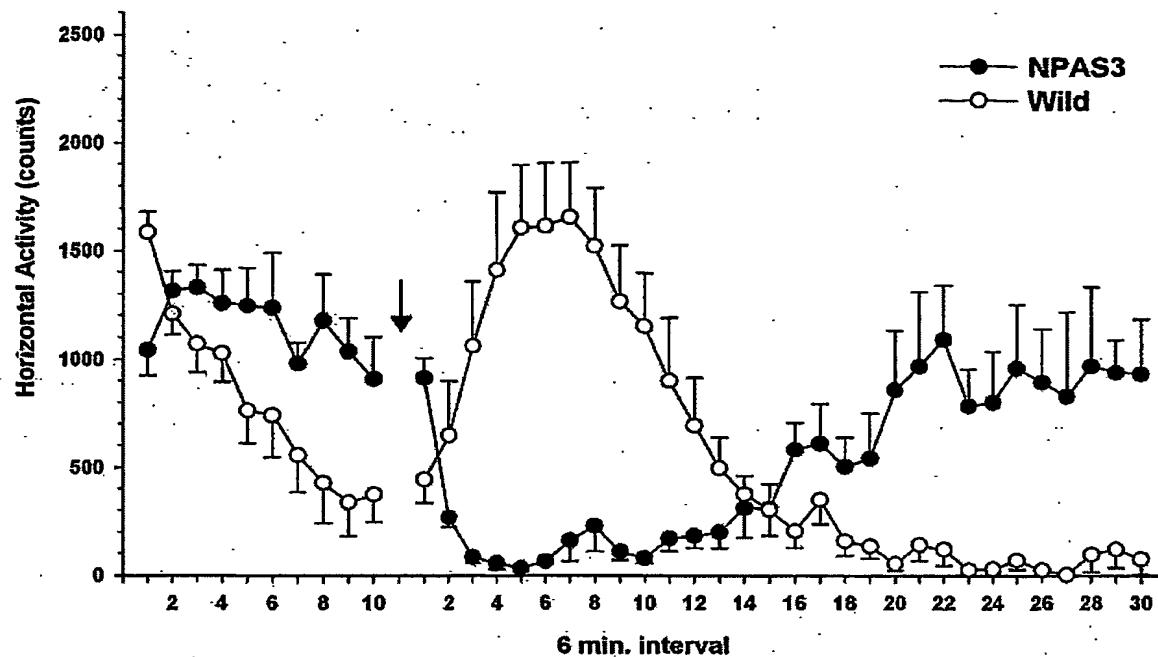
FIGURE 28
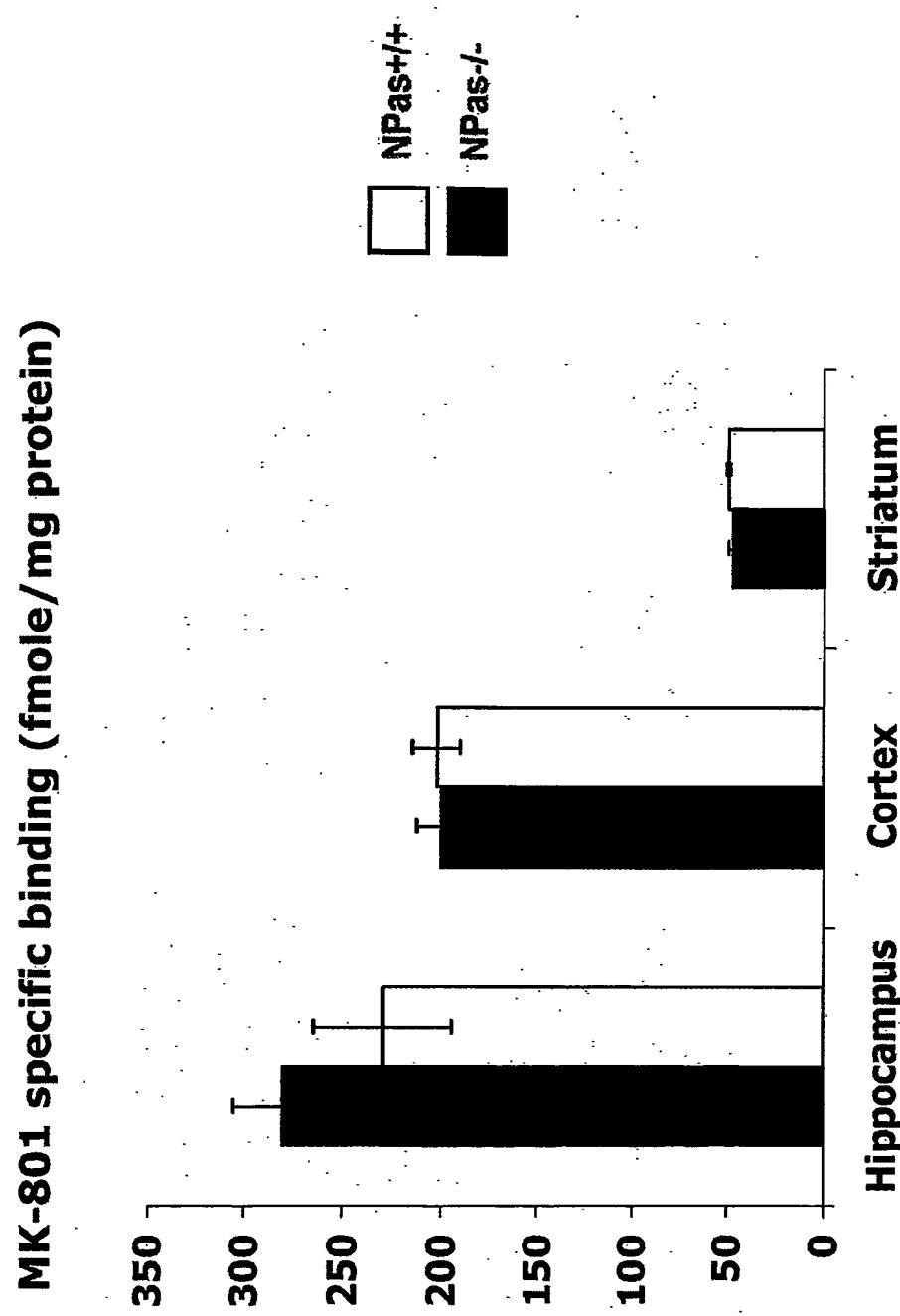
FIGURE 29

FIGURE 30

a)
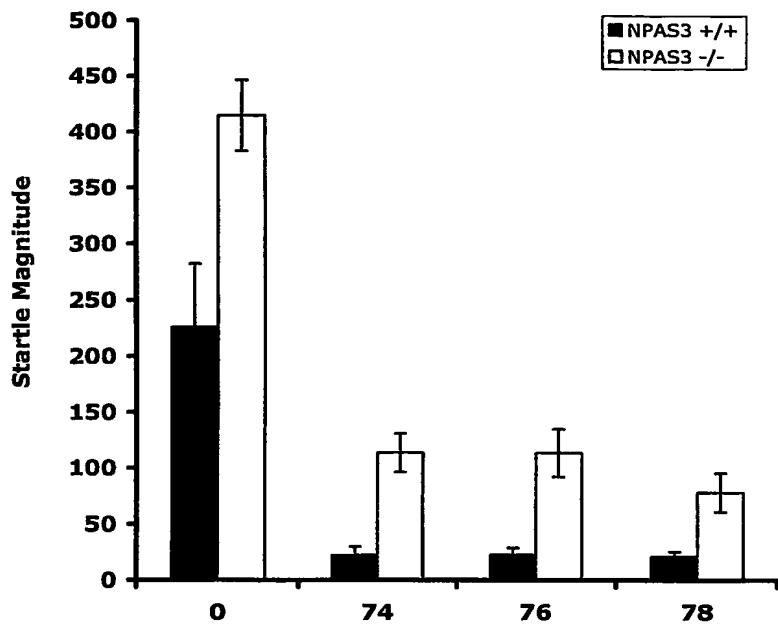
FIGURE 31

FIGURE 32

□ NPas+/+

■ NPas-/-

BEST AVAILABLE COPY

FIGURE 33

+/+

-/-

FIGURE 34

BEST AVAILABLE COPY